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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete if Known	OIPE
Application Number	10/038,342	3
Filing Date	October 23, 2001	MAY 1 7 2005
First Named Inventor	Michael SOGARD	3
Art Unit	1639	(E)
Examiner Name	Mark Lance SHIBUY	A BLOCKARY
Attorney Docket Number	r 07303.0127-00000	INVE

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Cite No.		Cite Document Number	Issue or	Name of Patentee or	Pages, Columns, Lines, Where
	Number-Kind Code (if known)	Publication Date MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	
		US-			
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Foreign Patent Document  Country Code Number Kind Code (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
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***************************************		NON PATENT LITERATURE DOCUMENTS
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
mo		Bierlein, "A Phenomenological Theory of the Soret Diffusion," Journal of Chemical Physics, 33(1): 10-14.
		Giddings et al., "Measurement of Thermal Diffusion Factors by Thermal Field-Flow Fractionation," Journal of Physical Chemistry, 74(24): 4291-4294 (1970).
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		Köhler et al., "Aspects of Thermal Diffusion Forced Rayleigh Scattering: Heterodyne Detection, Active Phase Tracking, and Experimental Constraints," J. Phys. Chem., 99: 5838-5847 (1995).
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		Schimpf et al., "Characterization of Thermal Diffusion in Polymer Solutions by Thermal Field-flow Fractionation: Dependence on Polymer Solvent Parameters," J. Polymer Science, Part B, Polymer Physics, 27: 1317-1332 (1989).
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Examiner Signature	Date Considered	5/1/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## TOS Form PTO/SB/08: Substitute for form 1449A/PTO E TOP STATEMENT BY APPLICANT (Use as many sheets as necessary)

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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner	Cite	Document Number	Issue or	Name of Patentee or	Pages, Columns, Lines, Where
Initials	No.'	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
DE 36 22 591 C2	Jan 14, 1998 1998			Abstract only
				<u> </u>
	.1 Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Foreign Patent Document  MM-DD-YYYY  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)  MM-DD-YYYY Applicant of Cited Document	Foreign Patent Document  MM-DD-YYYY Applicant of Cited Document Where Relevant Passages or Relevant Figures Appear

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
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		Braun Dieter et al., "Trapping of DNA by Thermophoretic Depletion and Convection," Physical Review Letters, 89(18):188103-1 - 188103-4, October 2002.	
		Day, Charles, "Thermal Gradients Can Boost the Local Concentration of DNA in Solution," Physics Today, 16 - 17, February 2003.	
		Liu, Edison T., "Gene Array Technologies in Biological Investigations," <u>Proceedings of the IEEE</u> , 93(4):737 - 749, April 2005.	
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